# Educational Session Program

**Wednesday 13 October 2021**

*All times are Korean Standard Time*

## ADVANCED PHARMACOEPIDEMIOLOGY

In English: in-person and virtual session.

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 08:30 – 09:30 | **Session 1:** Feasibility assessment of complex pharmacoepidemiology studies  
Mary E. Ritchey, Med Tech Epi, LLC; Rutgers University                                    |
| 09:30 – 10:30 | **Session 2:** Heterogeneity in multi-database studies  
Robert Platt, McGill University  
Rosa Gini, ARS Toscana  
Soko Setoguchi, Rutgers University                                                   |
| 10:30 – 11:00 | **Break**                                                                                 |
| 11:00 – 12:00 | **Session 3:** Methods for assessing real-world effectiveness and safety of vaccines: Part 1 – Effectiveness  
**Facilitators:** Edward Lai, National Cheng Kung University and Ju-Young Shin, Sungkyunkwan University  
**Collaborative works and current database environment in Asia-Pacific regions**  
Nicole Pratt, University of South Australia  
**Methods for real-world vaccine effectiveness**  
K. Arnold Chan, National Taiwan University                                            |
| 12:00 – 13:00 | **Lunch**                                                                                  |
| 13:00 – 14:00 | **Session 4:** Methods for assessing real-world effectiveness and safety of vaccines: Part 2 – Safety  
**Facilitators:** Edward Lai, National Cheng Kung University and Ju-Young Shin, Sungkyunkwan University  
**Hypothesis-free approaches for vaccines safety signal detection**  
Miyuki Hsieh, National Cheng Kung University  
**Methods for vaccine safety signal evaluation**  
Ju Hwan Kim, Sungkyunkwan University                                                   |
| 14:00 – 14:30 | **Break**                                                                                  |
| 14:30 – 15:30 | **Session 5:** Self-controlled (or case only) study designs  
**Facilitator:** Ian CK Wong, University of Hong Kong  
**Key methodological features of the case-crossover and its variant designs**  
Ju-Young Shin, Sungkyunkwan University  
**Key methodological features of the self-controlled case series and self-controlled risk interval designs**  
Han Eol Jeong, Sungkyunkwan University                                                 |
| 15:30 – 16:30 | **Session 6 (Pre-recorded):** Measuring beneficial and harmful drug effects  
Jesper Hallas, University of Southern Denmark                                        |